

DESCRIPTIONS FOR MED 3 ROTATIONS

Dermatology A3S

Regardless of your future field of practice, you will be exposed to a considerable amount of dermatology and this rotation provides you the chance to see a range of skin diseases. You will have the opportunity for exposure to a variety of skin diseases during your rotation and it is hoped that this will provide a solid background in dermatology. Our goal is to provide maximum exposure to dermatology so please take advantage of all resources available to you.

General Objectives

1. To demonstrate clinical skills required in diagnosis and management (including investigations) of more common skin disease.
2. The ability to describe a skin eruption by using correct morphologic terms used in dermatology
3. Understand the etiology and pathogenesis of more common skin disorders
4. To be familiar with treatments for common skin disorders and their expected side effects
5. To gain an understanding of when to treat skin disease and when to refer

A. MEDICAL EXPERT

General Requirements

- Demonstrate level appropriate knowledge of dermatologic disease enabling diagnosis and evidence based therapeutic management of patients with skin disease
- Demonstrate level appropriate consultation skills and interaction with referring clinicians
- Demonstrate knowledge of fundamental principles pertaining to cutaneous surgery including punch biopsy and simple excision

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Specific Requirements

General Knowledge

1. Classification of skin disease based on morphology
2. Morphologic description of skin lesions
3. Epidemiology and demographics of skin disease
4. Therapeutic approach to skin disease
5. Laboratory tests and role for biopsy in diagnosis and investigation of skin disease

Basic Science

1. Anatomy and function of skin and appendageal structures
2. Basic immunology and clinical expression in skin

Clinical Disease:

Students will be expected to develop knowledge base around the following topics

1. Papulosquamous and eczematous dermatoses including psoriasis, seborrheic dermatitis, lichen planus, atopic dermatitis and contact dermatitis
2. Urticaria
3. Drug reactions including exanthem and SJS/TEN spectrum
4. Autoimmune blistering diseases of skin including bullous pemphigoid, pemphigus vulgaris, dermatitis herpetiformis
5. Acne and rosacea
6. Approach to alopecia including scarring and non scarring types
7. Bacterial infections of skin including cellulitis, erysipelas, folliculitis and impetigo
8. Dermatophyte infections of skin including tinea unguim and pedis
9. Arthropod bites and scabies infestation
10. Benign epidermal tumours including seborrheic keratosis and benign melanocytic neoplasms
11. Melanoma clinical variants and approach to management
12. Actinic keratosis identification and treatment
13. Basal cell carcinoma identification and treatment
14. Squamous cell carcinoma carcinoma identification and treatment

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15. Verruca vulgaris
16. Connective tissue disease: lupus, dermatomyositis, scleroderma
17. Causes of leg ulcers and treatments
18. Purpura and approach to vasculitis

Therapeutics

1. Topical corticosteroids for inflammatory skin disease
2. Topical therapy for acneiform disorders
3. Topical antimicrobial and antifungal agents
4. Systemic therapeutic agents for diseases outlined above including awareness of indications, contraindications, administration, monitoring and adverse effects
5. Cryotherapy for skin disease
6. Basic principles of cutaneous surgery for skin biopsies, simple elliptical excision and electrodesiccation and curettage

Clinical competencies and skill requirements

1. Obtain an accurate and concise history of a patient's presenting skin problem
2. Perform a complete cutaneous exam of skin and appendageal structures with accurate description of disease morphology
3. Formulate a relevant differential diagnosis by synthesis of history and exam findings
4. Know technique and indication for skin biopsy and elliptical excision
5. Works towards the development of a management and therapeutic plan for skin diseases outlined above
6. Provide timely and accurate documentation of patient encounters in written or dictated form including assessment and recommendations for treatment
7. Be capable of working efficiently in a busy clinic environment

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Communicator

1. Students must communicate effectively with patients and families, which assumes the ability to obtain a comprehensive history and the ability to listen to and empathize with patients
2. Students must also communicate effectively and professionally with other health care personnel
3. Students will record written and dictated notes that accurately reflect the physician patient interaction and provide clear guidance of diagnosis and treatment to the referring physician.

Collaborator

1. Students will learn to work with other health care professionals and must learn to interact effectively with other physicians, nurses and support staff
2. Students will learn to recognize the expertise of other health professionals and to acknowledge and utilize their expertise when appropriate

Manager

1. Students will demonstrate effective time management skills to maximize efficiency and accuracy in clinical skills as well as balance education and service needs
2. Students will learn how to efficiently use available learning resources

Health Advocate

1. Students will practice principles of primary prevention of skin disease, particularly radiation induced changes
2. Students will learn risk factors for skin disease
3. Students will develop knowledge of disease prevention, environmental issues and public health and their applicability to skin care in health and disease

Scholar

1. Students will be expected to undertake self-directed learning and read around cases seen in clinic.
2. Students will demonstrate self assessment skills and the ability to recognize individual limitations
3. Students must review a seminar topic of their choice with a faculty member prior to the end of the rotation.

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Professional

1. Students will demonstrate level appropriate knowledge and skills that enable delivery of high quality care, balanced with integrity, empathy and honesty.
2. Students will be on time for clinics and educational sessions
3. Students must also learn to balance personal and professional obligations to optimize their own physical and mental well-being.
4. Students will demonstrate ability to receive constructive criticism and respond positively with improvement.

Evaluation

1. This will be based on your overall knowledge, performance and interest in the subject and will reflect CANMEDS principles.
2. Your evaluation will also be based on your oral presentation. Please see summary of expectations.

Revised December 19, 2012

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